

HP StorageWorks

PCI-X single channel and dual channel 2-Gb host bus adapter for Itanium Linux systems release notes

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About this document

This document contains driver, Extensible Firmware Interface (EFI), and supplemental information for the HP StorageWorks A6826A PCI-X host bus adapter (HBA) and the Q2300 PCI-X HBA, part number A7538A, for 64-bit Itanium™ Linux® operating systems.

This section describes the content reflected in this document, including:

- [Release notes information](#), page 3
- [Intended audience](#), page 3
- [Accessing future product updates](#), page 3

Release notes information

The 2-Gb high-performance PCI-X HBAs connect to devices attached through a switch-based optical Fibre Channel fabric. These HBAs support only short-wave multi-mode connections, and are backward compatible with PCI.

These release notes contain the following major topics:

- [Supported systems and requirements](#), page 4
- [Restrictions](#), page 5

Intended audience

This document is intended for customers who purchased the A6826A HBA or the Q2300 HBA running on 64-bit Itanium Linux operating systems.

Accessing future product updates

HP strongly recommends that customers sign up online using the Subscriber's choice web site: <http://www.hp.com/go/e-updates>.

- Subscribing to this service provides you with e-mail updates on the latest product enhancements, newest versions of drivers, and firmware documentation updates as well as instant access to numerous other product resources.
- After signing up, you can quickly locate your products by selecting **Business support** and then **Storage** under Product Category.

Supported systems and requirements

The A6826A and Q2300 HBAs are supported on HP server platforms that:

- Meet the voltage and minimum PCI slot requirements listed in [Table 1](#).
- Run the operating systems, driver, firmware, and EFI versions listed in [Table 2](#).

For detailed information about supported servers, go to the server web site:
<http://h10018.www1.hp.com/wwsolutions/linux/products/servers/itanium-cert-matrix.html>.

For the latest HBA information, go to the storage web site:
<http://welcome.hp.com/country/us/en/prodserv/storage.html>.

[Table 1](#) describes the voltage and minimum PCI slot requirements for the HBAs.


 **NOTE:** Refer to your HP server PCI slot specifications to determine whether your server and the HBA are compatible.

Table 1 Voltage and minimum PCI slot requirements

HBA model number	HBA voltage requirement	HBA PCI signaling voltage	PCI slot type
A6826A	3.3 VDC	3.3 volt, 5 volt tolerant	Universal PCI connector
Q2300 (A7538A)	3.3 VDC	3.3 volt, 5 volt tolerant	Universal PCI connector

[Table 2](#) lists the supported operating systems, drivers, EFI, and firmware.

Table 2 Supported operating systems, drivers, EFI, and firmware

Feature	Requirement
Linux operating systems	Red Hat Enterprise Linux 3, Update 4 and Update 5 for Itanium systems Red Hat Enterprise Linux 4 for Itanium systems, Base Release, U1 SUSE Linux Enterprise Server 8, SP3 and SP4 SUSE Linux Enterprise Server 9, SP1 and SP2
Linux drivers	7.01.01, 8.00.00, 7.05.00, and 8.00.02
EFI	EFI driver—1.42 EFI utility —1.35

Table 2 Supported operating systems, drivers, EFI, and firmware (continued)

Feature	Requirement
Firmware	3.03.150
Fibre Channel switches	The A6826A and the Q2300 HBAs are supported on B-Series, C-Series, and M-Series switch products. See the <i>HP StorageWorks SAN design reference guide</i> for the latest supported switches on the HP web site: http://h18006.www1.hp.com/products/storageworks/san/documentation.html .
Configuration information	Go to the HP support web site for the latest firmware information for switches: http://welcome.hp.com/country/us/en/support.html .

Restrictions

If you are installing the operating system for the first time, load the operating system and then download and install the supported Linux HBA driver from the following HP web site:
<http://welcome.hp.com/country/us/en/support.html>.

